



DURABLE MAT COMPANY.....

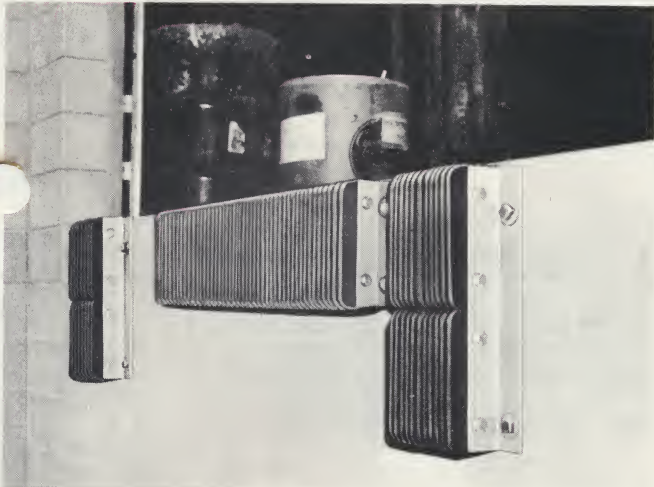
Loading dock bumpers

Durable Loading-Dock Bumpers should be a functional part of all institution and industrial building planning.

- Modern in design and application.
- Applicable to any type construction.
- Made of resilient rubber and cord for protection of docks and trucks.
- Eliminate dock repair.
- Absorb shock of impact.
- Have long life under normal hard usage.
- **Guaranteed five years against failure of workmanship or material.**

Easy to install

Durable Loading Dock Bumpers are simple to install on any type dock. (See drawings on other side.) They are applicable to either surface or recess mounting.



Installations of vertical and horizontal bumpers are effecting substantial savings for dock owners, truck owners, industrial plants, and shippers.



STATIC FORCE TEST

1. A 4 1/2" x 12" x 36" bumper before test.
2. The same bumper after 650,000 pounds of static pressure was applied. An energy input of 28,000 foot pounds.



TESTS PROVE DURABLE LOADING DOCK BUMPERS ARE BUILT TO TAKE IT . . .

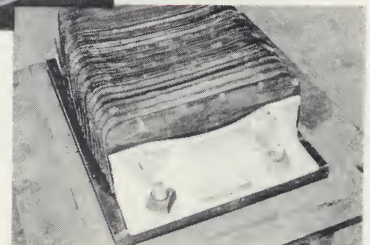
they absorb tremendous shock and pressure

Destructive tests were performed on Durable Loading Dock Bumpers in the Technical Center of National Malleable and Steel Company, Cleveland, Ohio.



DYNAMIC FORCE TEST

1. A 4 1/2" x 10" x 14" bumper before test.
2. The same bumper after a dynamic force of 3,780 foot pounds was applied in free fall.

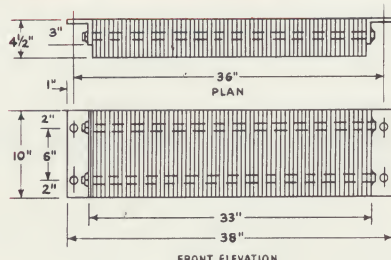


These tests show that Durable Loading Dock Bumpers will absorb up to 81% of any impact force.

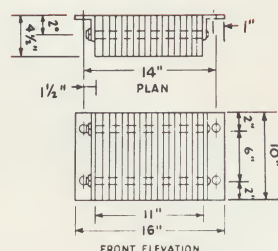
That's **real** protection for docks, trucks, and fragile freight.

bumper details

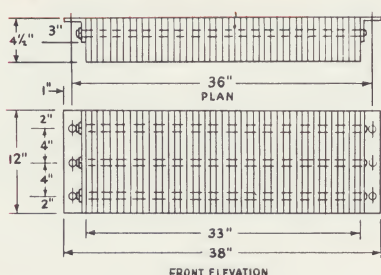
10" x 36" type — Model B410



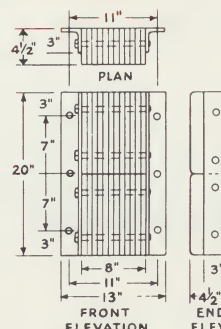
10" x 14" type — Model B414



12" x 36" type — Model B412



20" x 11" vertical type — Model VB420



Vertical bumpers are also available in 24" depth (VB424) and 36" depth (VB436).

standard sizes

Model Numbers	sizes	rubber surface	anchor bolt hole center dimensions	overall length	weight	number of 3/4" rods	angle sizes (1/4")
B414	4 1/2" x 10" x 14"	10" x 11"	14"	16"	30#	2	3" x 2 1/2" x 10"
B410	4 1/2" x 10" x 36"	10" x 33"	36"	38"	75#	2	3" x 2 1/2" x 10"
B412	4 1/2" x 12" x 36"	12" x 33"	36"	38"	90#	3	3" x 2 1/2" x 12"
VB420	4 1/2" x 20" x 11"	20" x 8"	11"	13"	46#	4	3" x 2 1/2" x 20"

Bumpers with special mounting hole centers (lengths) may be specified and will be fabricated, but it is suggested that they do not exceed 36". Special designs for special applications can be produced.

architects bumper specifications (See drawings above).

Furnish Rubber Dock Bumpers as manufactured by Durable Mat Company, Norwalk, Ohio and Santa Clara, California.

Resilient rubber material of bumpers must be Rubberized-Fabric Truck Tires cut to uniform size pads, either 4 1/2" x 10" or 4 1/2" x 12", and punched to receive 3/4" supporting rods.

All Bumpers must be 4 1/2" thick (stand-out from dock) and closed with two 3" x 2 1/2" x 1/4" structural angles under approximately 1,500 pounds pressure. Angles must be welded to 3/4" rods at one end and closed with threaded rod and nut at the other end. Anchor leg of angle must extend 2 1/2" beyond rubber surface at either end and contain either two or three 13/16" anchor bolt holes. (See drawings above).

satisfied users

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Esso Standard Oil Co.
General Electric Co.
General Foods Corp.
H. J. Heinz Co.
Hotpoint Co.
International Harvester
Kraft Foods Co.
Kroger Co.

Loblaws Inc.
Montgomery Ward & Co.
Motorola, Inc.
New York Central
Nickel Plate Railroad
Ohio Oil Co.
Pennsylvania Railroad
Pittsburgh Plate Glass
Pratt & Whitney Aircraft
Radio Corp. of America
Red Star Express Lines

Safeway Stores, Inc.
Sears Roebuck & Co.
The Stanley Works
Swift & Co.
Sylvania Electric
Transamerican Freight
U.S. Gypsum Co.
U.S. Parcel Post Building
Western Electric Corp.
Western Express Co.

Durable Bumpers are shipped completely assembled with structural angles drilled for mounting . . . no steel to add—no holes to drill or core in the bumper—no possibility of anchor bolts pulling through rubber. Durable Bumpers are designed to stay put.

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